What is claimed is:

1. A flat-panel display comprising two glass plates enclosing at least one array of fibers, which serves to form structure within said display, where one of said two glass plates is larger than the other in all directions in a plane of said glass plates.

2. A flat-panel display according to claim 1, wherein said display is a plasma display panel having a hermetically sealed gas filled enclosure containing at least one array of fibers to form part of a plasma cell structure.

3. A flat-panel display according to claim 1, wherein said display is a plasma addressed liquid crystal panel having at least one array of fibers to form a plasma cell structure.

4. A flat-panel display according to claim 1, wherein said display is a field emission display panel having a hermetically sealed vacuum enclosure containing at least one array of fibers to form part of said structure in said display.

5. A flat-panel display according to claim 2, wherein said hermetically sealed gas filled enclosure contains two orthogonal arrays of fibers that forms an entire plasma cell structure.

6. A flat-panel display according to claim 5, wherein said hermetically sealed gas filled enclosure contains:

two glass plates sandwiched around a top fiber array and a bottom fiber array, said top and bottom fiber arrays being substantially orthogonal and defining a structure of said display, said top fiber array disposed on a side facing towards a viewer;

said top fiber array including identical top fibers having at least two ends, each top fiber including two wire sustain electrodes located near a surface of said top fiber on a side facing away from said viewer and a thin dielectric layer separating said sustain electrodes from said surface, said surface being covered by an emissive film;

said bottom fiber array including three alternating bottom fibers, each bottom fiber having at least two ends and including a pair of barrier ribs that define a plasma channel, at least one wire address electrode located near a surface of said plasma channel, and a phosphor layer coating on said surface of said plasma channel, wherein a luminescent color of said phosphor coating in each of said three alternating bottom fibers represents a subpixel color of said plasma display;

each subpixel being formed by a crossing of one top fiber and one corresponding bottom fiber; and

said plasma display being hermetically sealed with a glass frit where said wire electrodes are brought out through said glass frit.

7. A flat-panel display according to claim 6, wherein said glass frit covers said ends of said top and bottom fibers to dielectrically isolate said wire electrodes.

8. A flat-panel display according to claim 5, wherein a glass frit is used to form a hermetic seal and wire electrodes extend through a frit-seal region and are connected to a circuit board containing high voltage drive electronics.

9. A flat-panel display according to claim 8, wherein said glass frit is forced to flow into a gap between said two glass plates.

10. A flat-panel display according to claim 2, wherein a top glass plate is larger than a bottom glass plate in all directions in a plane of said glass plates where said top glass plate is disposed on a side facing towards a viewer.

11. A flat-panel display according to claim 10, wherein said display is hermetically sealed with a glass frit that connects a surface of said top glass plate to an edge of an entire perimeter of said bottom glass plate.

12. A flat-panel display that has a vacuum tube attachment where a glass frit to seal a vacuum tube to said panel is forced to flow into a tube panel junction using a glass

washer over said vacuum tube.

13. A curved-panel display comprising two glass plates enclosing two orthogonal fiber arrays, which serves to form a structure within said display.

14. A curved-panel display according to claim 13, wherein one of said two glass plates is larger than the other in all directions in a plane of said glass plates.